

AG OFCAS Scroll

Scroll compressor

A scroll compressor uses two interleaving scrolls to compress air. Devices using this technology are known for operating more smoothly, quietly, and reliably than conventional piston compressors. Unlike pistons, the orbiting scroll's mass can be perfectly counterbalanced, with simple masses, to minimize vibration. The scroll's gas processes are also more stable and continuous. Additionally, a lack of volume gives an increased volumetric efficiency.

The electronic controls and inverter technologies to control the motor make higher efficiency and reliability of the product. The touch-screen LCD interface provides simple and user-friendly management of all functions on the unit.

The AirGen **OFCAS Scroll** is the ideal compressor to supply the Nitrogen generators series **NG CASTORE** (membrane) and **NG POLLUCE** (PSA) for LC/MS applications.

- Parallel connection available
- Exclusive energy-saving algorithm
- Operation mode with:
 - PID pressure control
 - on/off with power control
 - on/off with normal logic
- Ultra silent technology: 65 dB(A)
- Oil less- low maintenance
- Reliable - No vibration



Smart **Gas** Generators



Specifications

Models: AG OFCAS	220-8	200-10
General data		
Rated power (max)	2.2 KW (3.5 KW)	2.5 KW (3.5 KW)
Internal tank capacity	20l	
Dimensions	590(W)x690(D)x740(H) mm	
Net weight	130 kg	
Noise level	65db	67db
Peltier cooling dryer	Optional	Optional
Air Outlet		
Free Air Delivery	220 L/min	200 L/min
Maximum working pressure	8bar (116psi)	10bar (145psi)
Dew point (with dryer)	< -10°C	< -12°C
Communication		
RS232	Standard	
RS485	Standard	
USB	For service	
Electrical data		
Type of connection	Cable 3x2.5mm ²	
Power supply voltage	Single phase 220-240 Vac 50/60 Hz	
Connections		
Compressed Air outlet	3/8" BSPP female	
Condensed water drain	1/4" BSPP female	

Main applications

- Chemical and pharmaceutical industry
- Medical laboratories
- Food factory
- Laser equipments

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LNI-GGI srl con socio unico
www.lni-swissgas.eu

Registered office: Via Sassoferato 1, 20135 Milano MI
Logistics centre: Via E. Mattei 9, 35038 Torreglia PD